IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(IBMB-0047)

Applicant: Jeffrey E. Hemmett **Conf. No.:** 3948

Serial No.: 10/709,949 **Art Unit:** 2128

Filing Date: 06/08/2004 Examiner: Frejd, Russell W

Title: TRANSIENT SIMULATION USING Docket No.: BUR920040082US1

ADAPTIVE PIECEWISE CONSTANT

MODEL

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT

Sir:

I. INTRODUCTORY COMMENTS:

This paper is being filed in response to the Office Action dated March 9, 2007. Please reconsider the above-referenced patent application in view of the following amendments and remarks: